Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7	(("6385371") or ("6369925") or ("6167174") or ("6147953") or ("6125228") or ("5892868") or ("5666448")).PN.	US-PGPUB; USPAT	OR	OFF	2005/09/28 12:43
L2	6355	385/31,33,38,39,44,45,46,50.ccls. and @ad<"20040212"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 12:43
L3	329	L2 and (first near2 fiber) and (second near2 fiber) and (third near2 fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 12:43
L4	74	L2 and (first near2 input near2 fiber) and (second near2 input near2 fiber) and (output near2 fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 12:43
L5	21	L4 and ((lens$4 with collimat$4) same (lens$4 with focus$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 12:43
L6	0	L5 and (converg$4 with lens$4) and (gradient with lens$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 12:43
L7	0	L5 and (converg$6 with lens$4) and (gradient with lens$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 12:43
L8	54	L3 and ((lens$4 with collimat$4) same (lens$4 with focus$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 12:43

L9	3	L8 and (converg$6 with lens$4) and (gradient with lens$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 12:43
L10	54	L3 and ((lens$4 with collimat$4) same (lens$4 with focus$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 12:43
L11	3	L8 and (converg$6 with lens$4) and (gradient with lens$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 12:43
L12	4	L8 and (converg$6 with lens$4) and (GRIN with lens$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 12:43
L13	9	(US-20040042719-$ or US-20020181824-$ or US-20040017969-$ or US-20030206695-$ or US-20030081908-$ or US-20030081901-$).did. or (US-6804432-$ or US-6707965-$ or US-5889904-$).did.	US-PGPUB; USPAT	OR	ON	2005/09/28 12:43
L14	8	L13 and (collimat$4 near2 lens) and (focus$4 near2 lens)	US-PGPUB; USPAT	OR	ON	2005/09/28 12:43
L15	6	L14 and ((GRIN or gradient$3) with lens$4)	US-PGPUB; USPAT	OR	ON	2005/09/28 12:43
L16	9	(US-20040042719-$ or US-20020181824-$ or US-20040017969-$ or US-20030206695-$ or US-20030081908-$ or US-20030081901-$).did. or (US-6804432-$ or US-6707965-$ or US-5889904-$).did.	US-PGPUB; USPAT	OR	ON	2005/09/28 12:43
L17	8	L16 and (collimat$4 near2 lens) and (focus$4 near2 lens)	US-PGPUB; USPAT	OR	ON	2005/09/28 12:43
L18	6355	385/31,33,38,39,44,45,46,50.ccls. and @ad<"20040212"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 12:43

L19	329	L18 and (first near2 fiber) and (second near2 fiber) and (third near2 fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 12:43
L20	54	L19 and ((lens$4 with collimat$4) same (lens$4 with focus$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 12:43
L21	3	L20 and (converg$6 with lens$4) and (gradient with lens$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 12:43
L22	3	L20 and (converg$6 with lens$4) and (gradient with lens$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 12:43
L23	4	L20 and (converg$6 with lens$4) and (GRIN with lens$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 12:43
L24	6	L17 and ((GRIN or gradient$3) with lens$4)	US-PGPUB; USPAT	OR	ON	2005/09/28 12:43
L25	1	(L20 L21 L22 L23 L16 L17 L24) and ((arcsin or arc adj L16 sin) or (arctan$5 or arc adj2 tan$5))	US-PGPUB; USPAT	OR	ON	2005/09/28 12:43
L26	502	L18 and ((arcsin or arc adj L16 sin) or (arctan$5 or arc adj2 tan$5))	US-PGPUB; USPAT	OR	ON	2005/09/28 12:43
L27	0	L18 and (((arcsin or arc adj L16 sin) or (arctan$5 or arc adj2 tan$5)) with (aperture near2 numerical) with (focal near2 length))	US-PGPUB; USPAT	OR	ON	2005/09/28 12:43
L28	2	L18 and (((arcsin or arc adj L16 sin) or (arctan$5 or arc adj2 tan$5)) same (aperture near2 numerical) same (focal near2 length))	US-PGPUB; USPAT	OR	ON	2005/09/28 12:43
L29	47	(optical$2 near3 fiber$2) same (aperture$2 and (sin arcsin tan arctan tangent arctangent) and (focal$2 near2 (length$2 distanc$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 12:46

L30	2	(optical$2 near3 fiber$2) same (aperture$2 and (arcsin arctan arctangent) and (focal$2 near2 (length$2 distanc$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 13:02
L31	2	(optical$2 near3 fiber$2) same (aperture$2 and (arcsin arcsin arctan arctangent "sin.sup.-1" "tan.sup.-1") and (focal$2 near2 (length$2 distanc$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 13:03
L32	2	(optical$2 near3 fiber$2) same (aperture$2 and (arcsin arcsin arctan arctangent "sin.sup.-1" "tan.sup.-1") and (focal$2 near2 (length$2 distanc$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 13:03
L33	2	(optical$2 near3 fiber$2) same (aperture$2 and (arcsin arcsin arctan arctangent "sin.sup.-1" "tan.sup.-1") and (focal$2 near2 (length$2 distanc$4)) and lens$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 13:04
L34	82	(optical$2 near3 fiber$2) and (aperture$2 and (arcsin arcsin arctan arctangent "sin.sup.-1" "tan.sup.-1") and (focal$2 near2 (length$2 distanc$4)) and lens$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 13:04
L35	2	(optical$2 near3 fiber$2) near3 aperture$2 and (arcsin arcsin arctan arctangent "sin.sup.-1" "tan.sup.-1") same ((focal$2 near2 (length$2 distanc$4)) and lens$2 and diameter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 13:06
L36	22	(optical$2 near3 fiber$2) near3 aperture$2 and (arcsin arcsin arctan arctangent "sin.sup.-1" "tan.sup.-1") and ((focal$2 near2 (length$2 distanc$4)) and lens$2 and diameter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 13:09
L37	5	(optical$2 near3 fiber$2) near3 aperture$2 and (arcsin arcsin arctan arctangent "sin.sup.-1" "tan.sup.-1") and ((focal$2 near2 (length$2 distanc$4)) and lens$2 and diameter).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 13:10

L38	2	(optical$2 near3 fiber$2) near3 aperture$2 and (arcsin arcsin arctan arctangent "sin.sup.-1" "tan.sup.-1") and ((focal$2 near2 (length$2 distanc$4)) and lens$2 and diameter).clm.	US-PGPUB	OR	ON	2005/09/28 13:11
L39	20	(optical$2 near3 fiber$2) near3 aperture$2 and (arcsin arcsin arctan arctangent "sin.sup.-1" "tan.sup.-1") and ((focal$2 near2 (length$2 distanc$4)) and lens$2 and diameter) and collimat$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 13:11
L40	17	l39 not l37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 13:17
S1	7	(("6385371") or ("6369925") or ("6167174") or ("6147953") or ("6125228") or ("5892868") or ("5666448")).PN.	US-PGPUB; USPAT	OR	OFF	2005/06/02 13:58
S3	6216	385/31,33,38,39,44,45,46,50.ccls. and @ad<"20040212"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 14:02
S4	314	S3 and (first near2 fiber) and (second near2 fiber) and (third near2 fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 14:03
S5	72	S3 and (first near2 input near2 fiber) and (second near2 input near2 fiber) and (output near2 fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 14:03
S6	20	S5 and ((lens$4 with collimat$4) same (lens$4 with focus$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 14:06
S7	0	S6 and (converg$4 with lens$4) and (gradient with lens$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 14:06

S8	0	S6 and (converg$6 with lens$4) and (gradient with lens$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 14:18
S9	52	S4 and ((lens$4 with collimat$4) same (lens$4 with focus$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 14:12
S10	3	S9 and (converg$6 with lens$4) and (gradient with lens$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 14:07
S11	3	S9 and (converg$6 with lens$4) and (gradient with lens$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 14:18
S12	4	S9 and (converg$6 with lens$4) and (GRIN with lens$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 14:18
S13	9	(US-20040042719-$ or US-20020181824-$ or US-20040017969-$ or US-20030206695-$ or US-20030081908-$ or US-20030081901-$).did. or (US-6804432-$ or US-6707965-$ or US-5889904-$).did.	US-PGPUB; USPAT	OR	ON	2005/06/02 14:26
S14	8	S13 and (collimat$4 near2 lens) and (focus$4 near2 lens)	US-PGPUB; USPAT	OR	ON	2005/06/02 14:27
S15	6	S14 and ((GRIN or gradient$3) with lens$4)	US-PGPUB; USPAT	OR	ON	2005/06/02 14:28
S16	9	(US-20040042719-$ or US-20020181824-$ or US-20040017969-$ or US-20030206695-$ or US-20030081908-$ or US-20030081901-$).did. or (US-6804432-$ or US-6707965-$ or US-5889904-$).did.	US-PGPUB; USPAT	OR	ON	2005/06/02 17:57
S17	8	S16 and (collimat$4 near2 lens) and (focus$4 near2 lens)	US-PGPUB; USPAT	OR	ON	2005/06/02 18:00

S18	6216	385/31,33,38,39,44,45,46,50.ccls. and @ad<"20040212"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 18:02
S19	314	S18 and (first near2 fiber) and (second near2 fiber) and (third near2 fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 18:02
S20	52	S19 and ((lens$4 with collimat$4) same (lens$4 with focus$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 18:02
S21	3	S20 and (converg$6 with lens$4) and (gradient with lens$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 18:02
S22	3	S20 and (converg$6 with lens$4) and (gradient with lens$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 18:02
S23	4	S20 and (converg$6 with lens$4) and (GRIN with lens$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 18:02
S24	6	S17 and ((GRIN or gradient$3) with lens$4)	US-PGPUB; USPAT	OR	ON	2005/06/02 18:02
S25	1	(S20 S21 S22 S23 S16 S17 S24) and ((arcsin or arc adj S16 sin) or (arctan$5 or arc adj2 tan$5))	US-PGPUB; USPAT	OR	ON	2005/06/02 18:04
S26	494	S18 and ((arcsin or arc adj S16 sin) or (arctan$5 or arc adj2 tan$5))	US-PGPUB; USPAT	OR	ON	2005/06/02 18:04
S27	0	S18 and (((arcsin or arc adj S16 sin) or (arctan$5 or arc adj2 tan$5)) with (aperture near2 numerical) with (focal near2 length))	US-PGPUB; USPAT	OR	ON	2005/06/02 18:05
S28	2	S18 and (((arcsin or arc adj S16 sin) or (arctan$5 or arc adj2 tan$5)) same (aperture near2 numerical) same (focal near2 length))	US-PGPUB; USPAT	OR	ON	2005/06/02 18:05